Fostering Creative Thinking and Innovation

Some Practical, Research-based Strategies

An Interactive Session in the 2016 Assessment Forum on
Enhancing Innovation in Learning, Teaching and Assessment: Using Research-Based Strategies

Sponsored by the University of Oklahoma Office of Academic Assessment

1:10-2:25 PM on Friday 16 September 2016

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Creativity

When your students demonstrate “creativity,” or if they could, what does/might it look like? How does/might it manifest itself in their behavior and their work? Please jot down a draft definition or description of “creativity” – or a few thoughts in that direction below.

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Innovation

Same task as above, focusing on “innovation” this time.

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What do you hope to gain from this session?

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Common beliefs about creativity and innovation

Directions – Please mark each item in the list below in the following way:

If you agree with it, put a plus sign ( + ) in front of the item;
If you disagree, put a minus sign ( – ) in front of it; or
If you are unsure, put a question mark ( ? )

1. Talent (of the genetic sort) matters a lot in creativity
2. You need a high IQ to be big-C Creative [Like Mozart, Einstein, Curie, etc.]
3. Creativity and innovation are one and the same thing
4. How creative individuals create is an ineffable mystery
5. Brainstorming is one productive first step in innovation
6. Most important innovations were created by individuals working alone
7. The more expertise you have, the more creative you are likely to be
8. The less expertise you have, the more creative you are likely to be
9. Younger people (under 30) are generally more creative than older ones
10. The more creative you are, the more ethical you are likely to be
11. Prizes and other incentives promote creativity and innovation
12. Criticism inhibits creative thinking and innovation
13. Rules and constraints limit creative thinking and innovation
Notes and Doodles
Applications Card

Interesting or promising IDEAS/TECHNIQUES

from this session

Some possible, potential APPLICATIONS of those ideas/techniques to my work

A Few Useful References on Creativity and Innovation


Ness, R.B. (2011). Teaching creativity and innovative thinking in medicine and the health sciences. Academic Medicine, 86(10), 1201-1203
